Program-1

Print "Hello World"

```java
class Hello {

public static void main (String args[]) {
   System.out.println ("Hello World");
   }

}
   Output:- Hello World
```

Program-2

Find the largest of three numbers using "if"

```java
class Largest {
public static void main (String args[]) {
   int a=10, b=11, c=15;
   int d;
   if ( a>b && a>c)
   {  d=a;
   }

   elseif ( b>a && b>c)
       d=b;
   else {
       d=c;
   }

   System.out.println ("The largest number b/w three
   numbers is "+ d);
   }
}
Output:-
```

The largest Number b/w three numbers is :                    15


Program -3

to print 1 to n

```
class      printnValues {
public static void main (String args[]) {
    Scanner sc = new Scanner (System.in);

System.out.println ("Enter the n value:");

    int n = sc.nextInt ();

    for (int i=1; i<=n; i++) {
        System.out. println (i);
    }
}
}
```

Output :-
Enter the n value : 6
1
2
3
4
5
6

Program – 4

to print pattern

```
class    pattern1 {

public static void main ( String args[])
    Scanner sc = new Scanner(System.in);
    System.out.println("Enter the row value");
    int n = sc. nextInt ();
    int k=1;
    for (int i=1 ; i<= n ; i++ ){
      for (int j=1 ; j<= i ; j++ ){
        System.out.print (kt " ");
        k++;
      }
      System.out.println ();
    }
}
}
```

Output

Enter the row value : 4

```
1
2   3
4   5   6
7   8   9   10  . . .
```

## Program - 5

```java
class Grades {

    public static void main (String args[]) {

        Scanner sc = new Scanner(System.in);

        System.out.println( " Enter Your CIE Marks
        (out of 50);");

        int CIE = sc.nextInt();
        System.out.println(" Enter Your SEE Total mar
        -ks (out of 100). ");
        int SEE = sc.nextInt();

        int total = (CIE +(SEE/2));

        if (total >= 89.) {
        System.out.println("Your grade is A.");}
        else if (total > 80) {
        System.out.println(" Your grade is B.");}
        else if (total > 60) {
        System.out.println("Your grade C ");}

        else if (total > 40) {
        System.out.println(" Your grade D.");}

        else {
        System.out.println("Your grade is E.");}
        }
    }
```

Output:-
Enter Your CIE MARKS (out of 50) : 45
Enter Your SEE Total marks (out of 100) :
95
System Your grade is A

Program - 6

```
class prime2
public static void main (String args[])
Scanner sc = new Scanner (System.in);
System.out.println ("Enter the initially no:")
int n = sc.nextInt();
System.out.print ("Enter the last number:")
int l = sc.nextInt();
```

```java
for(int i=n; i<=l; i++)
{ if (n==0|| n==1)
    continue;

  if (n==2)
    System.out.println(n + " is a prime number");

  else { boolean f = false;
    for(int j=2; j<=i/2; j++)
    {
      if (i%j==0){
        continue; f=true;
        break;
      }
    }
    if(!f)
      System.out.println(" " + j);
  }
}
```

Output:-
Enter the initally no:- 6
Enter the last no :- 20

7
11
13
17
19